

30. The data transmission system of Claim 11 wherein
the source device is connected to a video data output unit which has an image-taking unit
for performing an image-taking processing or a video reproduction unit for performing a
reproduction processing for video data, and

the sink device is connected to a video processing device for composing or recording
plural pieces of video data, and receives the plural pieces of video data which have been
transmitted from the plural source devices as isochronous data to supply the data to the video
processing device.

31. The data transmission system of Claim 30 wherein
the source device comprises a video compression unit for compressing the video data
which have been supplied from the video data input unit and outputting compressed video data,
and transmits the compressed video data as the isochronous data.

32. The data transmission system of Claim 11 wherein
the sink device, the source device, and the transmission line which connects these devices
are mounted on a motor vehicle,

the source device is connected to a motor-vehicle-mounted video data output unit having
an image-taking unit for performing an image-taking processing or a video reproduction unit for
performing a reproduction processing for video data, and transmits the video data which have
been output from the video data output unit as the isochronous data to the transmission line,

the sink device is connected to a motor-vehicle-mounted video processing device for
composing or recording plural pieces of video data, and receives the plural pieces of video data
which have been transmitted from the plural source devices as the isochronous data to supply the
data to the video processing device, and

the sink device, the source device, and the transmission line constitute a network for
transmitting the video data in the motor vehicle.--